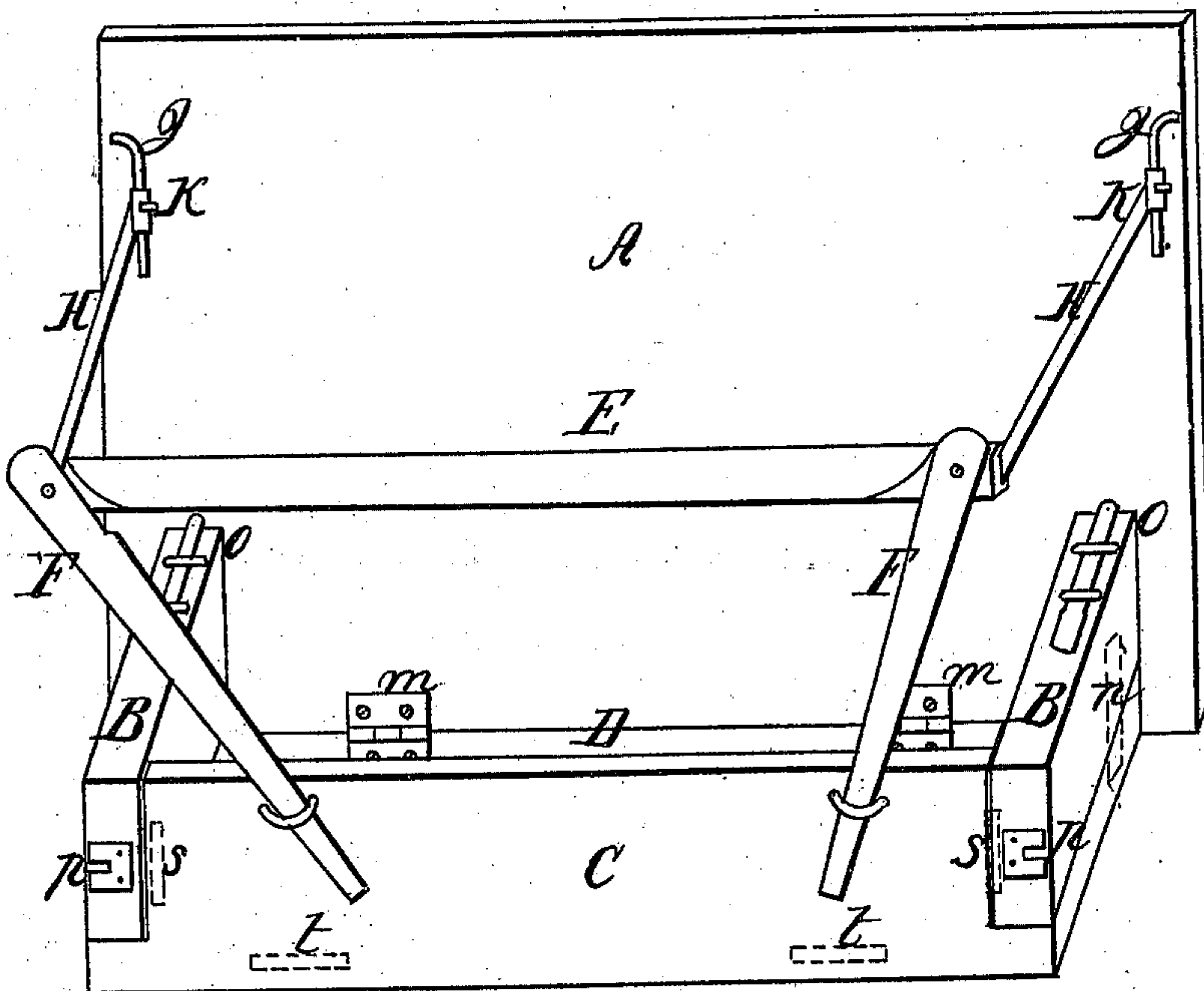


W. N. Shellenbarger

Feed Trough.

Nº 90,129.

Patented May 18, 1869.



Witnesses,

B. F. Hecker
J. R. Young
" "

Inventor;

W. N. Shellenbarger



WILLIAM N. SHELLABARGER, OF UNION, OHIO.

Letters Patent No. 90,129, dated May 18, 1869.

IMPROVEMENT IN FOLDING FEED-TROUGHS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, WILLIAM N. SHELLABARGER, of Union, in the county of Montgomery, in the State of Ohio, have invented a new and improved Folding Feed-Trough; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawing, and to the letters of reference marked thereon.

The nature of my invention consists in constructing a feed-trough in connection with a wagon-body, which can be folded up when not required for use.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

The drawing shows the trough in perspective.

A is designed to represent the forward end of a wagon-body, but the trough may be attached to the sides or to the "end-gate."

D represents the bottom of the trough, and is attached to the part A by two hinges, *m m*.

The front of the trough O is hinged to the bottom by two hinges, shown by dotted lines at *t t*.

The sides B B of the trough are hinged to the front by hinges, shown by dotted lines at *s s*.

The ends of these sides next to the wagon-bed are held by two pins, one of which, shown by dotted lines at *n*, enters the bottom; the other, *o*, secured by staples to the top, enters the bed.

Equivalent means may be adopted to secure the attachment of the ends to the bed.

Attached to the trough is a hay-rack, consisting of

two upright pieces, held by staples on the front of the trough.

At the top these pieces are connected by the horizontal bar E. This attachment is secured by pins.

The bars H H are hinged to the bar E, and the other ends have eyes which pass over the staples K K, and are secured, by the wires I I, to the wagon-bed.

The hay-rack is so constructed that it may be folded, and may be attached to the trough in any convenient manner, when folded.

To fold the trough, the pins *o o* are withdrawn, the sides are then folded against the front. This front is then opened out on a line with the bottom, and the whole carried up against the part A, and is secured to the staples K, by means of the ears or eyes *p p*; my object being the construction of a trough which shall be permanently attached to a wagon-bed, and which can be folded up, so as to be out of the way, when not required for use.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The folding feed-trough, constructed substantially as described.

2. The construction of a hay-rack in connection therewith, substantially as described.

W. N. SHELLABARGER.

Witnesses:

B. F. HECKER,
J. R. YOUNG.